

Listing of Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-187 (cancelled)

Claim 188 (new) A compound of the formula



or a pharmaceutically acceptable salt thereof wherein

R₁ is:

- (I) C₁-C₆ alkyl, unsubstituted or substituted with one, two or three C₁-C₃ alkyl, -F, -Cl, -Br, -I, -OH, -NH₂, -C≡N, -CF₃, or -N₃,
- (II) -(CH₂)₁₋₂-S-CH₃,
- (III) -CH₂-CH₂-S-CH₃,
- (IV) -CH₂-(C₂-C₆ alkenyl) unsubstituted or substituted by one -F,
- (V) -(CH₂)₀₋₃-(R₁-aryl) where R₁-aryl is phenyl, 1-naphthyl, 2-naphthyl, indanyl, indenyl, dihydronaphthyl, tetralinyl unsubstituted or independently substituted on the aryl ring with one or two of C₁-C₃ alkyl, -CF₃, -F, Cl, -Br, -I, C₁-C₃ alkoxy, -O-CF₃, -NH₂, -OH, or -C≡N;

R₂ is:

- (I) -H,
- (II) C₁-C₆ alkyl, or

(III) - (CH₂)₀₋₄-R₂₋₁ where R₂₋₁ is (C₃-C₆)cycloalkyl, R_{1-aryl} where R_{1-aryl} is optionally substituted with R₁₀₀, where R₁₀₀ is

- (1) C₁-C₆ alkyl,
- (2) -F, -Cl, -Br, or -I,
- (3) -OH,
- (4) -NO₂,
- (5) -CO-OH,
- (6) -C≡N,
- (7) -CO-NR_{N-2}R_{N-3} where R_{N-2} and R_{N-3} are the same or different and are:
 - (a) -H,
 - (b) -C₁-C₆ alkyl unsubstituted or substituted with one -OH or -NH₂,
 - (c) -C₁-C₆ alkyl unsubstituted or substituted with one to three -F, -Cl, -Br, or -I,
 - (d) -C₃-C₇ cycloalkyl,
 - (e) -(C₁-C₂ alkyl)-(C₃-C₇ cycloalkyl),
 - (f) -(C₁-C₆ alkyl)-O-(C₁-C₃ alkyl),
 - (g) -C₁-C₆ alkenyl with one or two double bonds,
 - (h) -C₁-C₆ alkynyl with one or two triple bonds,
 - (i) -C₁-C₆ alkyl chain with one double bond and one triple bond,
- (8) -CO-(C₃-C₁₂ alkyl),
- (9) -CO-(C₃-C₆ cycloalkyl),
- (11) -CO-R_{1-heterocycle} where R_{1-heterocycle} is morpholinyl, thiomorpholinyl, thiomorpholinyl S-oxide, thiomorpholinyl S,S-dioxide, piperazinyl, homopiperazinyl, pyrrolidinyl, pyrrolinyl, tetrahydropyranyl, piperidinyl, tetrahydrofuranyl, or tetrahydrothiophenyl,

where the R_1 -heterocycle group is bonded by any atom of the parent R_1 -heterocycle group substituted by hydrogen such that the new bond to the R_1 -heteroaryl group replaces the hydrogen atom and its bond, where heterocycle is unsubstituted or substituted with one or two

=O, C_1 - C_3 alkyl, $-CF_3$, $-F$, Cl , $-Br$, $-I$, C_1 - C_3

alkoxy, $-OCF_3$, $-NH_2$, $-OH$, or $-C\equiv N$,

- (12) $-CO-R_{N-4}$ where R_{N-4} is morpholinyl, thiomorpholinyl, piperazinyl, piperidinyl or pyrrolidinyl where each group is unsubstituted or substituted with one or two C_1 - C_3 alkyl,
- (13) $-CO-O-R_{N-5}$ where R_{N-5} is:
 - (a) C_1 - C_6 alkyl, or
 - (b) $-(CH_2)_{0-2}-(R_1\text{-aryl})$ where $R_1\text{-aryl}$ is as defined above,
- (14) $-SO_2-NR_{N-2}R_{N-3}$ where R_{N-2} and R_{N-3} are as defined above,
- (15) $-SO-(C_1-C_8 \text{ alkyl})$,
- (16) $-SO_2-(C_3-C_{12} \text{ alkyl})$,
- (17) $-NH-CO-O-R_{N-5}$ where R_{N-5} is as defined above,
- (18) $-NH-CO-N(C_1-C_3 \text{ alkyl})_2$,
- (19) $-N-CS-N(C_1-C_3 \text{ alkyl})_2$,
- (20) $-N(C_1-C_3 \text{ alkyl})-CO-R_{N-5}$ where R_{N-5} is as defined above,
- (21) $-NR_{N-2}R_{N-3}$ where R_{N-2} and R_{N-3} can be the same or different and are as defined above,
- (22) $-R_{N-4}$ where R_{N-4} is as defined above,
- (23) $-O-CO-(C_1-C_6 \text{ alkyl})$,
- (24) $-O-CO-N(C_1-C_3 \text{ alkyl})_2$,
- (25) $-O-CS-N(C_1-C_3 \text{ alkyl})_2$,

- (26) -O-(C₁-C₆ alkyl),
- (27) -O-(C₂-C₅ alkyl)-COOH,
- (28) -S-(C₁-C₆ alkyl),
- (29) C₁-C₆ alkyl unsubstituted or substituted with 1, 2, 3, 4, or 5 -F,
- (30) -O-(C₁-C₆ alkyl unsubstituted or substituted with 1, 2, 3, 4, or 5 -F, or
- (31) -O- ϕ ;

R_{N-1} is phenyl that is independently substituted with one, two, three or four of R₁₀₀;

R_a is hydrogen or C₁-C₆ alkyl;

R_C is

R_{CH} where R_{CH} is morpholinyl, thiomorpholinyl, thiomorpholinyl S-oxide, thiomorpholinyl S,S-dioxide, piperazinyl, homopiperazinyl, pyrrolidinyl, pyrrolinyl, tetrahydropyranyl, piperidinyl, tetrahydrofuranyl, or tetrahydrothiophenyl, each of which is optionally substituted with

oxo, C₁-C₃ alkyl, -CF₃, -F, Cl, -Br or -I, C₁-C₃ alkoxy, -O-CF₃, -NH₂, -OH, or -C \equiv N;

R_{CY} where R_{CY} is pyridinyl, pyrimidinyl, quinolinyl, indenyl, indanyl, benzothiophenyl, indolyl, indolinyl, pyridazinyl, pyrazinyl, isoindolyl, isoquinolyl, quinazolinyl, quinoxalinyl, thiazalazinyl, imidazolyl, isoxazolyl, pyrazolyl, oxazolyl, thiazolyl, indoliziny, indazolyl, benzothiazolyl, benzimidazolyl, benzofuranyl, furanyl, thienyl, pyrrolyl, oxadiazolyl, thiadiazolyl, triazolyl, tetrazolyl, 1, 4-benzodioxanyl, purinyl, oxazolopyridinyl, imidazopyridinyl, isothiazolyl, naphthyridinyl, cinnolinyl, carbazolyl, β -carbolinyl,

isochromanyl, chromanyl, furazanyl,
 tetrahydroisoquinoline, isoindolinyl,
 isobenzotetrahydrofuryl, isobenzotetrahydrothienyl,
 isobenzothiophenyl, benzoxazolyl, or pyridopyridinyl,
 each of which is optionally substituted with C₁-C₃ alkyl,
 -CF₃, -F, Cl, -Br, or I, C₁-C₃ alkoxy, -O-CF₃, -NH₂, -OH,
 or -C≡N;
 - (C₁-C₁₀) alkyl-R_{CH}; or
 - (C₁-C₁₀) alkyl-R_{CY}.

Claim 189 (new) A compound according to claim 172, which
 is N-[1-(S)-(3,5-Difluoro-benzyl)-2-(S)-hydroxy-4-(R)-
 (piperidine-1-carbonyl)-hexyl]-N,N-dipropyl-isophthalamide.

Claim 190 (new) A compound according to claim 172, which
 is N-[1-(S)-(3,5-Difluoro-benzyl)-2-(S)-hydroxy-4-(R)-(2-
 morpholin-4-yl-ethylcarbamoyl)-pentyl]-5-methyl-N,N-dipropyl-
 isophthalamide.

Claim 191 (new) A compound according to claim 172, which
 is N-[1-(S)-(3,5-Difluoro-benzyl)-2-(S)-hydroxy-4-(R)-
 [(tetrahydro-furan-2-ylmethyl)-carbamoyl]-pentyl]-5-methyl-N,N-
 dipropyl-isophthalamide.

Claim 192 (new) A compound according to claim 172, which
 is N-[1-(S)-(3,5-Difluoro-benzyl)-2-(S)-hydroxy-4-(R)-methyl-5-
 morpholin-4-yl-5-oxo-pentyl]-5-methyl-N,N-dipropyl-
 isophthalamide.

Claim 193 (new) A compound according to claim 172, which
 is N-[1-(S)-(3,5-Difluoro-benzyl)-4-(R)-[(furan-2-ylmethyl)-

carbamoyl]-2-(S)-hydroxy-pentyl)-5-methyl-N,N-dipropyl-
isophthalamide.

194. (new) A pharmaceutical composition comprising a
compound according to claim 188 in combination with a
pharmaceutically acceptable carrier.

195. (new) A method according of treating or preventing
Alzheimer's Disease comprising administering to a subject in
need of such treatment an effective amount of a compound
according to claim 188.